

APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED

Date of filing in State Engineer's Office. APR 01 1993

Returned to applicant for correction.

Corrected application filed. APR 09 1993 Map filed. JAN 19 1993

The applicant. Fish Lake Power Company

4365 Executive Dr., Suite 900 of San Diego

Street and No. or P.O. Box No.

City or Town

California 92121

State and Zip Code No.

hereby make application for permission to change the

Point of Diversion and Place of Use of a portion

Point of diversion, manner of use, and/or place of use

of water heretofore appropriated under. Permit 47034

Identify existing right by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and

identify right in Decree.

1. The source of water is. Underground

Name of stream, lake, underground spring or other source.

2. The amount of water to be changed. 2.0 second feet

Second feet, acre feet. One second foot equals 448.83 gallons per minute.

3. The water to be used for. Commercial Power Generation

Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.

4. The water heretofore permitted for. Commercial Power Generation

Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.

5. The water is to be diverted at the following point. NE 1/4 NE 1/4 Section 14, T.1S., R.35E.,

Describe as being within a 40-acre subdivision of public survey and by course and

MDB&M, or at a point from which the SE corner of said Section 14 bears South distance to a section corner. If on unsurveyed land, it should be stated.

3° 12' 17" East, a distance of 5408 feet

6. The existing permitted point of diversion is located within. SE 1/4 NE 1/4 Section 11, T.1S., R.35E.,

If point of diversion is not changed, do not answer.

MDB&M, or at a point from which the SW corner of Section 13, T.1S., R.35E.,

MDB&M bears South 05° 21' East, a distance of 8200 feet

7. Proposed place of use. Sections 11, 12, 13, and 14, T.1S., R.35E., MDB&M

Describe by legal subdivisions. If for irrigation state number of acres to be irrigated.

8. Existing place of use. SE 1/4 NE 1/4 Section 11, T.1S., R.35E., MDB&M

Describe by legal subdivisions. If permit is for irrigation, state number of acres irrigated. If changing place of use and/or

manner of use of irrigation permit, describe acreage to be removed from irrigation.

9. Use will be from. January 1 to December 31 of each year.

Month and Day

Month and Day

10. Use was permitted from. January 1 to December 31 of each year.

Month and Day

Month and Day

11. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Geothermal Production Well

State manner in which water is to be diverted, i.e. diversion structure,

ditches, pipes and flumes, or drilled well, etc.

12. Estimated cost of works. unknown

13. Estimated time required to construct works. 5 years

14. Estimated time required to complete the application of water to beneficial use..... 10 years

15. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use:

This application is for the development of geothermal fluids for commercial power generation. Please use maps on file under Permit 47029 to support the existing point of diversion and place of use and under Application 58438 to support the proposed point of diversion and place of use. Fish Lake Power Co. Well #81A-14

By s/Brian A. Randall  
 Brian A. Randall, Resource Concepts, Inc.  
 340 North Minnesota Street  
 Carson City, Nevada 89703

Compared bc/bc ab/vw

Protested

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit to change the point of diversion and place of use of a portion of the waters of an underground (geothermal) source as heretofore granted under Permit 47034 is issued subject to the terms and conditions imposed in said Permit 47034 and with the understanding that no other rights on the source will be affected by the change proposed herein.

It is understood that the amount of geothermal fluid herein granted is only a temporary allowance and that the final right obtained under this permit will be dependent upon the amount actually placed to beneficial use. It is also understood that this right must allow for a reasonable decrease of fluid pressure and heat. The well shall be equipped and maintained to prevent any waste of the geothermal fluid. Accurate measurements must be kept of discharge of the production well and the amount of fluid injected into the injection well to determine the total amount of fluid diverted and consumed for a beneficial use.

The production and injection well are to be cemented from the producing levels to the surface to protect fresh water zones. This permit is issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes and fresh, cold water aquifers are not to be diverted. The used geothermal fluids are to be returned to the source via the injection well. The issuance of this permit does not waive the requirements that the permit holder obtain (CONTINUED ON PAGE 2)

The amount of water to be changed shall be limited to the amount which can be applied to beneficial use, and not to exceed 2.0 cubic feet per second.

Work must be prosecuted with reasonable diligence and be completed on or before July 31, 1995

Proof of completion of work shall be filed before August 31, 1995

Application of water to beneficial use shall be made on or before July 31, 1996

Proof of the application of water to beneficial use shall be filed on or before August 31, 1996

Map in support of proof of beneficial use shall be filed on or before N/A

Completion of work filed

Proof of beneficial use filed

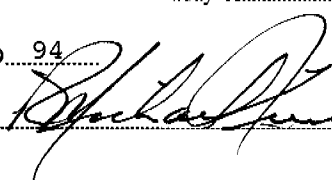
Cultural map filed

Certificate No. Issued

IN TESTIMONY WHEREOF, I, R. MICHAEL TURNIPSEED, P.E.  
 State Engineer of Nevada, have hereunto set my hand and the seal of my

office, this 11th day of April

A.D. 19 94

  
 State Engineer

## (PERMIT TERMS CONTINUED)

other permits from State, Federal and local agencies. A detailed log on the injection well and/or other analyses of the system used for returning the used geothermal fluids to the source must be submitted together with the Proof of Completion.

An annual report for this well must be filed under this permit describing the amount of geothermal fluid diverted and consumed to a beneficial use for the calendar year. This report must detail the amount of fluid produced and injected.

The total withdrawal of the geothermal fluid shall be limited to 1448 acre-feet per year but the total consumptive use of the geothermal fluid is limited to only incidental fluid losses in the system and in no case shall it amount to more than 20% of the volume withdrawn annually. The State Engineer does not waive the right to make a determination of incidental fluid losses at any time and impose additional conditions thereto. This permit is further issued subject to the provisions of NRS 533.372(1) and with the understanding that the power or energy generated by the beneficial use of this water or steam is subject to recapture and use within the boundaries of the State of Nevada when the need arises.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The total combined withdrawal of geothermal fluid under Permits 47032, 47034, 47604, 57938, 58438, 58685 and 58946 shall not exceed 19,460 acre-feet annually. The total combined consumptive use of the above permits shall not exceed 20% of the total withdrawal.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

This permit is further subject to the terms and conditions imposed at the hearing on Application 47034 held before the State Engineer on April 10, 1984.

A monitoring program shall be submitted to the State Engineer for review and approval. Any monitoring well must be in place and base line data established prior to any pumping under this permit.